

DEVIANSHI GOYAL

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EDUCATION

Arizona State University

B.S. in Computer Science (Cybersecurity & AI)

Expected May 2026

GPA: 3.69

TECHNICAL SKILLS

Programming Languages: Python, Scheme, C, C++, Java, MATLAB, JavaScript, HTML, CSS, SQL, Linux

Library/Framework: JavaFX, Crypto, Animate.css, Wow.js, Bootstrap, Node.js, Django, React

Web Development: REST APIs, Responsive design, Asynchronous JavaScript, DOM Manipulation

Cloud & Dev. Tools: Git, Pycharm, Eclipse, Visual Studio, VSCode, Arduino, Bash, Jira, PostgreSQL

Certifications: Ethical Hacking in IoT and Cyber Space, Cloud Computing

Relevant Coursework: Data Structures & Algorithms, Intro to Software Engineering, Principles of Programming Languages, Operating Systems, Computer and Network Forensics, Distributed Software Development, Intro Artificial Intelligence, Intro Human Computer Interaction, Data & Information Security, Computer Network Security

PROJECTS

Foxhole Lounge – Mobile App

Aug 2025 – May 2026

- Developing core features for the Foxhole Lounge mobile app—an initiative by the Lower 22 Foundation supporting U.S. veterans—by building Flutter/Dart UI screens, integrating Firebase Auth + Firestore workflows, and improving accessibility, responsiveness, and design consistency across the platform.

Custom Search Engine with Exa

Apr 2025

- Built a full-stack AI semantic search engine using Python, Flask, Exa API, and custom ranking logic; implemented multi-domain filters (TikTok, Wikipedia, Docs, Twitter), result metadata extraction, and a polished responsive UI to deliver real-time, context aware search results.

Discord Meme Bot – Python Application

Sep 2025

- Built a Discord bot in Python using discord.py that responds to user commands with random memes fetched from Reddit's Meme API, implementing asynchronous event handling, REST API integration, and JSON data parsing.

Weather API App

Nov 2024

- Built a responsive weather app using HTML, CSS, and JavaScript, displaying real-time data and 4-day forecasts via OpenWeatherMap API.
- Implemented async API calls, dynamic UI with glass morphism, and secure key handling using Vite and Git.

Project Compass360 (CSE360 Course)

Aug 2024

- Developed as part of the CSE360 course, group project involved creating a course management help system using Java, JavaFX, MySQL, Java Scene Builder, Crypto, CSS, and SQL packages in Java.

WORK EXPERIENCE

Technology Consultant

Tempe, AZ

LX Space Success at ASU

July 2024 - Present

- Provide **IT support and technical training** across all university classrooms on Tempe campus, reducing downtime during emergencies and ensuring seamless hybrid learning experiences.

Software Development Intern

Remote

Gurus of Web, Chandigarh, IN

May 2025 - Aug 2025

- Developed a **modular Flask REST API** integrated with PostgreSQL and JWT authentication, streamlining backend workflows and improving system reliability by 40% through unit tests (PyTest).
- Built a **full-stack task management tool** using Jinja2, Bootstrap, and JavaScript, enabling 10+ team members to track tasks in real-time, which improved sprint efficiency by 25%.

Verizon Cloud Platform Job Simulation

Remote

Forage

Nov 2025

- Engineered a **cloud-native VPN prototype** in Python to simulate compliance testing, demonstrating how vulnerabilities could be reduced by 30% through automated checks.